| Inde | ex of | Clain | ns |
|------|-------|-------|----|
|      |       |       |    |

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/806,779              | SPEARE ET AL.                           |  |
| Examiner                | Art Unit                                |  |
| Ted T. Vo               | 2191                                    |  |

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| Ī | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |   | ` | Appeal   |
|---|--------------|---|---|----------|
| ı | Interference | c | ) | Objected |

| Cla          | aim      | Date       |  |          |  |                              |          | [  | Claim Date                                       |  |   |              |           |          |                 |           |           |          | ]        | Cl       | aim      | Date        |              |            |  |                     |          |          |               |          |          |   |             |
|--------------|----------|------------|--|----------|--|------------------------------|----------|--|--|--|---|--------------|-----------|----------|-----------------|-----------|-----------|----------|----------|----------|----------|-------------|--------------|------------|--|---------------------|----------|----------|---------------|----------|----------|---|-------------|
| _            | lal      | 7          |  |          |  |                              |          |  |  |  |   | <del>а</del> | nai       |          |                 |           |           |          |          |          | İ        |             |              | nal .      |  |                     |          |          |               |          |          |   |             |
| Final        | Original | 5/4/07     |  |          |  |                              |          |  |  |  |   | Final        | Original  |          |                 |           |           |          |          |          |          |             | Final        | Original   |  |                     |          | ĺ        |               |          |          |   |             |
|              | 0        | Ľ          |  |          |  |                              |          |  |  |  |   |              |           |          |                 |           |           |          |          |          | $\perp$  | J           |              |            |  |                     |          |          |               |          |          | _ | ᅵ           |
|              | 1        | Ŀ          | Ц  |          |  |                              |          |  | $oxed{oxed}$                                     |  |   |              | 51        |          |                 | $\perp$   | _         |          |          | 4        |          | 1           |              | 101        |  | 4                   | _        |          | _             | _        | _        |   | _           |
|              | 2        | <u>  -</u> |  |          |  |                              |          | _  | $\vdash$   |  |   |              | 52        | Н        | $\dashv$        |           | -         | -        | _        | _        | _        | ┨           |              | 102        |  | $\vdash$            | 4        | -        |               |          | $\dashv$ | 4 |             |
|              | 3        | Ŀ          | _  |          | _  | H                            | _        | _  |  |  |   |              | 53<br>54  | $\vdash$ | $\dashv$        | -+        | $\dashv$  | $\dashv$ | +        | +        | +        | ┨           |              | 103<br>104 |  | $\vdash$            | $\dashv$ | $\dashv$ | -             | -        |          | _ |             |
|              | 5        | :          |  |          | _  | $\vdash$                     | _        |  |  | -  |   |              | 55        |          |                 | ┵         | $\dashv$  | $\dashv$ | $\dashv$ | ╅        |          | 1           |              | 105        | $\vdash$   | $\dashv$            | ┥        | 一        | $\dashv$      | -        | $\dashv$ |   | $\dashv$    |
|              | 6        |            | ┢  |          |  | -                            | _        |  | H  |  |   |              | 56        |          | $\dashv$        | 一         | ┪         | $\dashv$ | _        | _        | _        | 1           |              | 106        | $\vdash$   | $\dashv$            | -        |          |               |          | $\dashv$ |   | $\dashv$    |
|              | 7        | -          | Т  |          |  | _                            |          | ┪  |  |  |   |              | 57        |          |                 | $\neg$    | ╛         | _        | 7        | 7        | $\neg$   | 1           |              | 107        |  | $\neg$              | $\neg$   |          |               | _        | ヿ        |   | $\neg$      |
|              | 8        | -          |  |          |  | Ì                            |          |  |  |  | ı |              | 58        |          |                 |           |           |          |          |          |          | ]           |              | 108        |  |                     |          |          |               |          |          |   |             |
|              | 9        | Ŀ          |  |          |  |                              |          |  |  |  |   |              | 59        |          |                 |           |           |          |          |          | $\bot$   |             |              | 109        |  |                     |          |          |               | _        | _        |   |             |
|              | 10       | -          |  |          |  |                              |          | _  | L  | Ш  |   |              | 60        |          |                 | _         | _         | _        | _        | _        | _ _      | 4           | <u> </u>     | 110        | <u> </u>   | Ц                   | _        |          |               | _        | _        |   | _           |
|              | 11       | Ŀ          | $\sqcup$   |          | <b> </b> _                                       | <u> </u>                     |          | <b> </b>   | $\vdash$   | Щ  | • |              | 61        |          | $\dashv$        | $\dashv$  | 4         |          |          | -        | -        | 4           | <u> </u>     | 111        | $\vdash$   | $\vdash \downarrow$ |          |          |               | $\dashv$ | $\dashv$ | _ | $\dashv$    |
| <u> </u>     | 12       | ŀ          |  |          | -  | H                            |          | $\vdash$   | $\vdash$   |  |   |              | 62<br>63  | $\dashv$ |                 | $\dashv$  |           | $\dashv$ | +        | +        | +        | ┨           |              | 112<br>113 |  |                     | $\dashv$ |          |               | $\dashv$ | $\dashv$ | _ | $\dashv$    |
| <b> </b>     | 13       | <u> </u>   | H  |          | -  | <del> -</del>                |          | ├  | $\vdash$   | $\vdash$   |   | $\vdash$     | 64        |          |                 | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | +        | +        | -           | $\vdash$     | 114        | $\vdash$   | $\dashv$            | -        | -        |               | -        | $\dashv$ |   | =           |
| <del></del>  | 15       | <u>:</u>   | $\vdash$   | _        | $\vdash$   | F                            | $\vdash$ |  | <del>  -</del>                                   | $\vdash$   |   | $\vdash$     | 65        | $\vdash$ |                 | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | 十        | +-       | ┪           |              | 115        | H  | $\vdash$            | ┪        | $\dashv$ | -             | -        | $\dashv$ |   | $\dashv$    |
|              | 16       | -          | 1  | _        | <del>                                     </del> | $\vdash$                     | H        | 一  | $\vdash$   | Н  |   | <b></b>      | 66        | $\Box$   | $\dashv$        | $\dashv$  | 寸         | _        |          | 十        | $\top$   | 1           |              | 116        | Т  | H                   | _        |          |               |          | $\dashv$ |   | $\neg$      |
|              | 17       | -          |  |          |  | E                            |          |  |  |  |   |              | 67        |          |                 |           |           | J        |          | ⇉        |          | ]           |              | 117        |  |                     |          |          |               |          |          |   |             |
|              | 18       | -          |  |          |  |                              |          |  |  |  |   |              | 68        |          |                 |           |           |          |          | $\Box$   |          | ]           |              | 118        |  | $\Box$              |          | $\Box$   | $\overline{}$ | $\Box$   |          |   |             |
|              | 19       | Ŀ          |  |          |  |                              |          |  |  |  |   |              | 69        |          |                 | _         |           | _        | _        | _        | _        | 1           | <b></b>      | 119        |  | $\sqcup$            | _        | ·        |               |          | _        |   | _           |
|              | 20       | Ŀ          | L  |          | _  | <u> </u>                     | oxdot    | ᆫ  | ╙  | Щ  |   |              | 70        | Ш        | _               | _         | _         | _        | _        | 4        |          | 4           |              | 120        |  | Н                   | _        |          |               |          |          |   |             |
|              | 21       | ┵          | <del> </del>                                     |          | _  | _                            | $\vdash$ | ⊢  | $\vdash$   | Н  |   |              | 71        | Н        | $\dashv$        | $\dashv$  |           |          |          | +        | $\dashv$ | 4           |              | 121<br>122 | _  | $\vdash$            |          |          |               |          |          |   | $\dashv$    |
|              | 22       | ÷          | -  |          | H  | ⊢                            | ┝        | ⊢  | ├  |  |   |              | 72<br>73  | Н        | $\overline{}$   | -         |           |          | $\dashv$ | +        | +        | -           | -            | 123        |  |                     |          | $\dashv$ | -             | ┥        | $\dashv$ | _ | $\dashv$    |
| <del> </del> | 24       | <u>:</u>   | <del>                                     </del> |          |  | H                            | -        | ┢━   | $\vdash$   | Н  |   |              | 74        | ╢        |                 | $\dashv$  | ᅥ         | $\dashv$ | $\dashv$ | $\dashv$ | -        | ┨           |              | 124        |  | H                   | ┪        | $\dashv$ | $\dashv$      | $\dashv$ |          |   | $\dashv$    |
| _            | 25       | ١.         | ╁  |          | $\vdash$   | $\vdash$                     | $\vdash$ | -  | <del>                                     </del> | Н  |   |              | 75        | Н        | $\neg$          |           |           | $\dashv$ | 十        | $\dashv$ | ┰        | -           |              | 125        | -  | H                   | ┪        | ┪        | _             | 寸        |          |   | $\neg \neg$ |
|              | 26       | ١.         | <u> </u>   |          | $\vdash$   |                              | Г        | ┢  |  |  |   |              | 76        | П        |                 |           |           | $\neg$   | ╛        | 十        | $\neg$   | 1           |              | 126        |  | П                   | $\neg$   |          |               |          |          |   | $\Box$      |
|              | 27       | -          |  |          |  |                              |          |  |  |  |   |              | 77        |          |                 |           |           |          |          |          |          | ].          |              | 127        |  |                     |          |          |               |          |          |   |             |
|              | 28       |            |  |          |  |                              |          |  |  |  |   |              | 78        |          |                 |           |           | $\dashv$ |          | _        |          | ]           |              | 128        |  |                     | _        |          |               |          | _        |   | $\perp$     |
|              | 29       |            | _  |          | <u> </u>   | <u> </u>                     |          |  | <u> </u>   | _  |   |              | 79        | _        |                 | _         | _         | $\dashv$ | 4        | 4        |          | -           | ļ            | 129        | _  | $\vdash$            | _        | _        | _             |          |          | _ | $\dashv$    |
|              | 30       | ⊢          | <u> </u>   | _        | <u> </u>   | <del>  -</del>               | _        |  | _  |  |   |              | 80        | -        | -               | -         | -         | $\dashv$ | $\dashv$ |          |          | ┨           | ļ            | 130<br>131 | ┢  | $\vdash$            | $\dashv$ | $\dashv$ |               |          |          |   |             |
|              | 31       | ⊢          | ┢  | <u> </u> | ⊢  | ⊢                            | ┝        | -  | -  |  |   | <u> </u>     | 81<br>82  | Н        |                 |           | -         | $\dashv$ | $\dashv$ | $\dashv$ | -        | ┨           |              | 132        |  | -                   | -        | $\dashv$ | ႕             | $\dashv$ | $\dashv$ |   | $\dashv$    |
| <del> </del> | 33       | $\vdash$   | $\vdash$   | -        | $\vdash$   | $\vdash$                     | $\vdash$ | $\vdash$   | -  | $\vdash$   |   | $\vdash$     | 83        | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┪           | -            | 133        | <del> </del>                                     |                     | $\dashv$ | $\dashv$ | -             | $\dashv$ | $\dashv$ |   | $\neg$      |
| $\vdash$     | 34       |            | <del> </del>                                     | -        | -  | 一                            | H        |  | $\vdash$   | $\vdash$   |   | $\vdash$     | 84        | Н        | $\vdash$        | ┪         | $\dashv$  | -        | _        | 十        | +-       | 1           |              | 134        | $\vdash$   | $\vdash$            | $\dashv$ |          |               | -        | ᅥ        | _ | $\dashv$    |
|              | 35       |            | <u> </u>   |          | _  | Г                            | Г        |  |  |  |   |              | 85        |          |                 |           | $\exists$ |          |          | ⇉        |          | ]           |              | 135        |  |                     |          |          |               |          |          |   |             |
|              | 36       |            |  |          |  |                              |          |  |  |  |   |              | 86        |          |                 |           |           |          |          |          |          | ]           |              | 136        |  |                     |          |          |               |          |          |   |             |
|              | 37       |            |  |          |  |                              |          |  |  |  |   |              | 87        |          | $\square$       | $\Box$    |           | $\Box$   | $\Box$   | T        |          | <u> </u>  - |              | 137        |  | Ш                   |          | ]        |               | _]       | _]       |   | _           |
| <u> </u>     | 38       | ļ_         | <u> </u>   | <u> </u> | <u> </u>   | $ldsymbol{ldsymbol{\sqcup}}$ | <u> </u> | $\vdash$   | lacksquare                                       | Ш  |   | ļ            | 88        | Ш        | Щ               | _         | _         | _        | $\dashv$ | _        |          | 4           |              | 138        | <u> </u>   | $\sqcup$            | _        |          |               |          | _        |   |             |
| <u> </u>     | 39       |            |  |          | <del> </del>                                     | <b> </b>                     | <u> </u> | ⊢  | ⊢  | Н  |   | <b> </b>     | 89<br>90  | $\vdash$ | $\vdash$        | -         | $\dashv$  | $\dashv$ | $\dashv$ | +        | - -      | 4           |              | 139<br>140 | ⊢  | $\vdash \vdash$     | -        | $\dashv$ | _             |          |          |   |             |
| <del> </del> | 40       | ├          | $\vdash$   | _        | $\vdash$   | ⊢                            | $\vdash$ | ⊢  | ├  | <u>ا</u>   |   | <u> </u>     | 90        | Н        |                 |           | -         |          | $\dashv$ | +        | $\dashv$ | -           |              | 141        | -  | $\vdash \vdash$     | -        |          | $\dashv$      | $\dashv$ | $\dashv$ | _ | $\dashv$    |
| $\vdash$     | 41       |            | -  |          | $\vdash$   | $\vdash$                     | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   |   |              | 92        | Н        | $\vdash$        | $\dashv$  | $\dashv$  |          | -+       | $\dashv$ | +        | ┨           | $\vdash$     | 142        | $\vdash$   | $\vdash$            | $\dashv$ |          | $\dashv$      | -        | -        | _ | _           |
| $\vdash$     | 43       | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$                     | ┢        | <del> </del>                                     | $\vdash$   | H  |   | $\vdash$     | 93        | $\vdash$ | -               | $\dashv$  |           | $\dashv$ | $\dashv$ | $\dashv$ | ╅        | 1           |              | 143        | <del>                                     </del> | $\vdash$            |          | $\dashv$ | $\exists$     | $\dashv$ | $\dashv$ | _ | ᅥ           |
|              | 44       |            | T  | $\vdash$ | Г  |                              | $\vdash$ | <del>                                     </del> | Т  | П  |   |              | 94        |          |                 | $\exists$ |           |          |          | ╗        | _        | 1           |              | 144        |  |                     |          |          |               |          | ╛        |   |             |
|              | 45       |            |  |          |  |                              |          |  |  |  |   |              | 95        |          |                 |           |           |          |          |          |          | ]           |              | 145        |  |                     |          |          |               |          |          |   |             |
|              | 46       |            |  |          |  | L                            | Ĺ        |  | oxdot  | Ш  |   |              | 96        | Ш        |                 | $\Box$    |           |          |          | $\perp$  |          | 1           |              | 146        | _  | Ш                   | _        | _        |               |          |          |   |             |
| <u> </u>     | 47       | L          | ļ  | <u> </u> | _  |                              |          | 1  | $\vdash$   |  |   | ļ            | 97        | Ш        | $\sqcup$        |           |           |          | _        | $\dashv$ | $\dashv$ | 4           | <u> </u>     | 147        | ļ  |                     |          |          |               | _        |          | _ | _           |
| <u> </u>     | 48       | <u> </u>   | <del> </del>                                     | <u> </u> | <u> </u>   | <u> </u>                     | <u> </u> | ⊢  |  | $\vdash$   |   | <b> </b>     | 98        | $\vdash$ | $\vdash \vdash$ | $\dashv$  |           |          |          | +        | $\dashv$ | 4           | <u> </u>     | 148        | ├  | $\vdash$            |          | -        |               |          |          | _ | $\vdash$    |
| <u> </u>     | 49<br>50 | -          | ┼—   | -        | -  | $\vdash$                     | $\vdash$ | $\vdash$   | ╀  | <del>                                     </del> |   | <u> </u>     | 99<br>100 | $\vdash$ | $\vdash$        |           |           |          |          | +        | +        | ┨           | <del> </del> | 149<br>150 |  |                     | $\dashv$ | $\dashv$ | $\dashv$      | -        |          | _ | $\vdash$    |
| L            | 1 20     | Ц.         | <u> </u>   |          | <u>.                                    </u>     |                              | Щ        |  | ــــــــــــــــــــــــــــــــــــــ           |  |   |              | 1100      | لــــا   | لــــا          |           |           |          | <u> </u> |          |          | ┙           |              | 1 100      | <u> </u>   |                     |          |          |               |          |          |   | لب          |